



JP1255526 Biblio

MANUFACTURE OF LAMINATED SHEET

49 Pic

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Abstract

PURPOSE: To obtain a laminated sheet, quality of which is not dispersed, while improving energy efficiency by superposing a required number of resin-impregnated base materials, placing metallic foils onto the top face and/or underside of the base materials and heating the base materials through electromagnetic induction heating.

CONSTITUTION: A laminate in which a required number of resin impregnated base materials are superposed and metallic foils are placed onto the top face and/or underside of the base materials as necessary is held by a molding plate, and several pairs of the laminates are pressed between hot plates with electromagnetic-wave induction devices and electromagnetic-induction heated. Consequently, the molding plate between the laminates can be heated directly, thus uniformly heating each laminate, then preventing the generation of dispersion. Heat is not dissipated from the hot plates, thus economizing energy.

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